

Title (en)  
WIPER MOTOR

Title (de)  
SCHEIBENWISCHERMOTOR

Title (fr)  
MOTEUR D'ESSUIE-GLACE

Publication  
**EP 2597332 A1 20130529 (EN)**

Application  
**EP 11821625 A 20110824**

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Abstract (en)  
A wiper motor of the present invention comprises: a reduction mechanism (26) for reducing the speed of rotation of the motor shaft (17) and transmitting the rotation to a worm wheel (35) and a motion conversion mechanism (29) for converting the rotary motion of the worm wheel (35) into a rocking motion and outputting the rocking motion to an output shaft (28). The reduction mechanism (26) is contained in the reduction mechanism containing chamber (27) of a gear frame (21), and the motion conversion mechanism (29) is contained in the motion conversion mechanism containing chamber (30) of the gear frame (21). A support surface (37) set up flush with the other end surface (35b) of the worm wheel (35) in the axial direction rotatably contained in the reduction mechanism containing chamber (27) is formed on the inner surface of the bottom wall (30a) of the motion conversion mechanism containing chamber (30). The support surface (37) is formed over the entire area facing a pinion gear (40) and the motion conversion member (41) on the bottom wall (30a) of the motion conversion mechanism containing chamber (30).

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